

Immersion sluice

BSL-3

BSL-4



The immersion sluice is manufactured as a complete component with a closed inner shell. As installation and connection parts are factory-welded to the stainless steel inner shell to ensure tightness. All materials used are resistant to common solvents, cleaning agents and desinfectants for desinfectable

laboratory areas and are also insensitive to chemical and thermal (hot steam and hot water) effects. The immersion sluice is designed to meet the requirements of laboratories. The size of the insertable immersion basket is 200 x 250 x 135 mm.

Material | Construction

Sluice cabinet	stainless steel, Mat. no. 1.4404, ground with grain size 240
Sluice cabinet doors	two gas-tight hinged doors, the frame completely welded all around

Fittings

Locking	integrated Schmersal locking system
Viewing window	Ø 200 mm
Drain	drain tap to the laboratory side for draining
Separation	glass pane for gas-tight separation between the two sluice sides

Special fittings

Control	control for sluice function exchange of signals with other systems
Control components	components installed outside the shower such as request button emergency open red-green LED display (as wall-mounted or wall-recessed variant next to the door)
Data transfer	separate terminal box for transfer of control signals up to 3 m away from the door
Equipment	equipment for sluicing operations e.g. diving basket and grab hooks
Filling and drain	connection to fully automatic filling and emptying system
Disinfection	system for disinfection of the respective sluice by means of rotary nozzles